

DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below), or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

MULTIBLOCK BIODEGRADABLE HYDROGELS FOR DRUG DELIVERY AND TISSUE TREATMENT

the specification of which (check one)

_____ is attached hereto

X was filed on July 26, 1996
as application Serial No. 08/692,914

_____ and was amended on: _____
(if applicable)

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)			Priority Claimed
_____	_____	_____	_____
(Number)	(Country)	(Day/Month/Year Filed)	
_____	_____	_____	_____
(Number)	(Country)	(Day/Month/Year Filed)	
_____	_____	_____	_____
(Number)	(Country)	(Day/Month/Year Filed)	

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Provisional Application Number	Filing Date
<u>60/001,723</u>	<u>28 July 1995</u>
(Number)	(Day/Month/Year Filed)
_____	_____
(Number)	(Day/Month/Year Filed)
_____	_____
(Number)	(Day/Month/Year Filed)

U.S.S.N. 08/692,914

"MULTIBLOCK BIODEGRADABLE HYDROGELS FOR DRUG
DELIVERY AND TISSUE TREATMENT"

By: Chandrasekhar P. Pathak, Shikha P. Barman, C. Michael Philbrook,
Amarpreet S. Sawhney, Arthur J. Coury, Luis Z. Avila and Mark T. Kieras
Filed: July 26, 1996

DECLARATION

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of the application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	Status
		(patented, pending, abandoned)

(Application Serial No.)	(Filing Date)	Status
		(patented, pending, abandoned)

As named inventor, I hereby appoint the following attorney(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Patrea L. Pabst	31,284
Madeline I. Johnston	36,174
Dolly A. Vance	39,054

Send Correspondence to: Patrea L. Pabst, Esq.
ARNALL GOLDEN & GREGORY
2800 One Atlantic Center
1201 W. Peachtree Street
Atlanta, GA 30309-3450

Direct telephone calls to: Patrea L. Pabst (404)873-8794

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

U.S.S.N. 08/692,914

"MULTIBLOCK BIODEGRADABLE HYDROGELS FOR DRUG
DELIVERY AND TISSUE TREATMENT"

By: Chandrashekhar P. Pathak, Shikha P. Barman, C. Michael Philbrook,
Amarpreet S. Sawhney, Arthur J. Coury, Luis Z. Avila and Mark T. Kieras

Filed: July 26, 1996

DECLARATION

Full name of sole or first inventor Chandrashekhar P. Pathak

Inventor's signature *C.P. Pathak*

Date 8/24/96

Residence 314 Bedford Street, No. 105, Lexington, Massachusetts 02173

Citizenship India

Post Office Address 314 Bedford Street, No. 105, Lexington, Massachusetts 02173

Full name of second inventor Shikha P. Barman

Inventor's signature *Shikha P. Barman*

Date 8/24/96

Residence 31 Marion Road, Bedford, MA 01730

Citizenship India

Post Office Address 31 Marion Road, Bedford, MA 01730

Full name of third inventor C. Michael Philbrook

Inventor's signature *C. Michael Philbrook*

Date 8/26/96

Residence 199 Marlborough St. #301, Boston, MA 02116

Citizenship USA

Post Office Address 199 Marlborough St. #301, Boston, MA 02116

Full name of fourth inventor Amarpreet S. Sawhney

Inventor's signature *Amarpreet S. Sawhney*

Date 8/23/96

Residence 2 Opi Circle, Lexington, MA 02173

Citizenship India

Post Office Address 2 Opi Circle, Lexington, MA 02173

Full name of fifth inventor Arthur J. Coury

Inventor's signature *Arthur J. Coury*

Date 8/23/96

Residence 154 Warren Ave, Boston, MA 02116

Citizenship USA

Post Office Address 154 Warren Ave, Boston, MA 02116

U.S.S.N. 08/692,914

"MULTIBLOCK BIODEGRADABLE HYDROGELS FOR DRUG
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Filed: July 26, 1996
DECLARATION

Full name of sole or first inventor Chandrashekhar P. Pathak

Inventor's signature _____ Date _____

Residence 314 Bedford Street, No. 105, Lexington, Massachusetts 02173

Citizenship India

Post Office Address 314 Bedford Street, No. 105, Lexington, Massachusetts 02173

Full name of second inventor Shikha P. Barman

Inventor's signature Shikha P. Barman Date 8/24/96

Residence 31 Marion Road, Bedford, MA 01730

Citizenship India

Post Office Address 31 Marion Road, Bedford, MA 01730

Full name of third inventor C. Michael Philbrook

Inventor's signature C. Michael Philbrook Date 8/26/96

Residence 199 Marlborough St. #301, Boston, MA 02116

Citizenship USA

Post Office Address 199 Marlborough St. #301, Boston, MA 02116

Full name of fourth inventor Amarpreet S. Sawhney

Inventor's signature Amarpreet S. Sawhney Date 8/23/96

Residence 2 Opi Circle, Lexington, MA 02173

Citizenship India

Post Office Address 2 Opi Circle, Lexington, MA 02173

Full name of fifth inventor Arthur J. Coury

Inventor's signature Arthur J. Coury Date 8/23/96

Residence 154 Warren Ave, Boston, MA 02116

Citizenship USA

Post Office Address 154 Warren Ave, Boston, MA 02116

U.S.S.N. 08/692,914

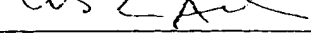
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Amarpreet S. Sawhney, Arthur J. Coury, Luis Z. Avila and Mark T. Kieras

Filed: July 26, 1996

DECLARATION

Full name of sixth inventor Luis Z. Avila

Inventor's signature  Date AUG 27, 1996

Residence 23 Rockaway Lane, Arlington, MA 02174

Citizenship Phillpines

Post Office Address 23 Rockaway Lane, Arlington, MA 02174

Full name of seventh inventor Mark T. Kieras

Inventor's signature _____ Date _____

Residence 23 Purchase St., Newburyport, MA 01950

Citizenship USA

Post Office Address 23 Purchase St. Newburyport, MA 01950

U.S.S.N. 08/692,914

"MULTIBLOCK BIODEGRADABLE HYDROGELS FOR DRUG
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Amarpreet S. Sawhney, Arthur J. Coury, Luis Z. Avila and Mark T. Kieras

Filed: July 26, 1996

DECLARATION

Full name of sixth inventor Luis Z. Avila

Inventor's signature [Signature] Date AUG 27, 1996

Residence 23 Rockaway Lane, Arlington, MA 02174

Citizenship Phillpines

Post Office Address 23 Rockaway Lane, Arlington, MA 02174

Full name of seventh inventor Mark T. Kieras

Inventor's signature [Signature] Date August 30, 1996

Residence 23 Purchase St., Newburyport, MA 01950 ^{MTK} 1120 Balboa Ave., Burlingame, CA 94010

Citizenship USA

Post Office Address 23 Purchase St., Newburyport, MA 01950 ^{MTK} 1120 Balboa Ave., Burlingame, CA 94010

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Chandrashekhar P. Pathak, Shikha P. Barman, C. Michael Philbrook,
Amarpreet S. Sawhney, Arthur J. Coury, Luis Z. Avila, and Mark T. Kieras

Serial No.: Continuation of 09/710,416 Art Unit: Not yet assigned

Filed: March 21, 2002 Examiner: Not yet assigned

For: MULTIBLOCK BIODEGRADABLE HYDROGELS FOR DRUG DELIVERY
AND TISSUE TREATMENT

Box Patent Application
Commissioner of Patents and Trademarks
Washington, D.C.

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST
AND REVOCATION OF PRIOR POWERS**

Sir:

As owner of the entire interest in the above-identified patent application, as evidenced by the attached Statement Under 37 C.F.R. § 3.73(b), all powers of attorney previously given are hereby revoked and the following attorneys and agents are hereby appointed to prosecute and transact all business in the Patent and Trademark Office connected therewith:

Customer Number



30092

PATENT TRADEMARK OFFICE

Please send all correspondence relating to the above-identified patent application to:

**Patrea L. Pabst
HOLLAND & KNIGHT LLP
Suite 2000, One Atlantic Center
1201 West Peachtree Street, N.E.
Atlanta, Georgia 30309-3400**

**(404) 817-8473 (Telephone)
(404) 817-8588 (Fax)**

The undersigned signatory (whose title is supplied below) is empowered to act on behalf of the assignee identified below, and has reviewed all the documents in the chain of title of the above-identified patent application and, to the best of the undersigned's knowledge and belief, title is in the assignee.

FOCAL, INC.

By: Robert W. Hesslein

Printed Name: Robert W. Hesslein

Title: Secretary

Date: March 4, 2002

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

STATEMENT UNDER 37 CFR 3.73(b)

Chandrashekhar P. Pathak, Shikha P. Barman, C. Michael Philbrook,
Applicant/Patent Owner: Amarpreet S. Sawhney, Arthur J. Coury, Luis Z. Avila, and Mark T. Kieras
Application No./Patent No.: Continuation of 09/710,416 Filed/Issue Date: March 21, 2002
Entitled: MULTIBLOCK BIODEGRADABLE HYDROGELS FOR DRUG DELIVERY AND TISSUE TREATMENT
Focal, Inc., a Corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is 50 %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 8739, Frame 0555, or for which a copy thereof is attached.

OR Recorded in parent application U.S.S.N. 08/692,914, now U.S. Patent No. 6,201,065

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

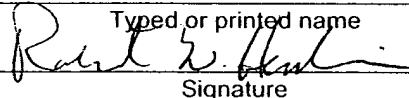
The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

March 4, 2002

Date

Robert W. Hesslein

Typed or printed name



Signature

Secretary

Title

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

FTI 112 CIP DIV CON 077637/00001



FTI 112
CIP PTO H. S. S. S.
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

NOVEMBER 17, 1997

PTAS

PATREA, L. PABST, ESQ.
2800 ONE ATLANTIC CTR.
1201 W. PEACHTREE STREET
ATLANTA, GA 30309-3400



100545547A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/30/1996

REEL/FRAME: 8739/0555
NUMBER OF PAGES: 9

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

PATHAK, CHANDRASHEKAR P.

DOC DATE: 09/09/1996

ASSIGNOR:

BARMAN, SHIKA P.

DOC DATE: 08/21/1996

ASSIGNOR:

PHILBROOK, C. MICHAEL

DOC DATE: 08/26/1996

ASSIGNOR:

SAWHNEY, AMARPREET S.

DOC DATE: 08/23/1996

ASSIGNOR:

COURY, ARTHUR J.

DOC DATE: 08/23/1996

ASSIGNOR:

AVILA, LUIS Z.

DOC DATE: 08/27/1996

ASSIGNOR:

KIERAS, MARK T.

DOC DATE: 08/30/1996

RECEIVED

NOV 24 1997

PATENT DEPT.

DOCKETED FOR FTI 112 CIP
BY JSH
DATE 11-25-97

8739/0555 PAGE 2

ASSIGNEE:

FOCAL, INC.

4 MAQUIRE ROAD

LEXINGTON, MASSACHUSETTS 02173

SERIAL NUMBER: 08692914

PATENT NUMBER:

FILING DATE: 07/26/1996

ISSUE DATE:

SHARMALLA SIMPSON, EXAMINER

ASSIGNMENT DIVISION

OFFICE OF PUBLIC RECORDS



440-581
10-06-1997

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Tab settings <<<>>>

To the Honorable Commissioner of Patents

100545547

red original documents or copy thereof.

1. Name of conveying party(ies): MLD 9-30-97
Chandrashekar P. Pathak
Shika P. Barman Luis Z. Avila
C. Michael Philbrook Mark T. Kieras
Amarpreet S. Sawhney
Arthur J. Coury
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Focal, Inc.

Internal Address: _____

Street Address: 4 Maquire Road

City: Lexington State: MA ZIP: 02173

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other _____

8/21/96, 8/23/96, 8/26/96,

Execution Date: 8/27/96, 8/30/96, 9/9/96

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

08/692,914

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Patrea L. Pabst, Esq.

Internal Address: 2800 One Atlantic Ctr.

Street Address: 1201 W. Peachtree St.

City: Atlanta State: GA ZIP: 30309-3400

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

☒ Enclosed

☐ Authorized to be charged to deposit account

8. Deposit account number:

01-2507

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Patrea L. Pabst

Name of Person Signing

[Signature]
Signature

9/25/96
Date

Total number of pages comprising cover sheet: 1

ASSIGNMENT

We, Chandrashekar P. Pathak of 72 High Pine Avenue #10, Nashua, New Hampshire 03063; Shikha P. Barman of 31 Marion Road, Bedford, Massachusetts 01730; C. Michael Philbrook of 199 Marlborough St. #301, Boston, Massachusetts 02116; Amarpreet S. Sawhney of 2 Opi Circle, Lexington, Massachusetts 02173; Arthur J. Coury of 154 Warren Avenue, Boston, Massachusetts 02116; Luis Z. Avila of 23 Rockaway Lane, Arlington, Massachusetts 02174; and Mark T. Kieras of 1120 Balboa Avenue, Burlingame, California 94010, in consideration of Five Dollars and other valuable consideration paid to us by Focal, Inc., a corporation of Delaware having its principal place of business at 4 Maguire Road, Lexington, Massachusetts 02173, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said Focal, Inc., its successors and assigns, the entire interest for the United States of America and its territories and all foreign countries and jurisdictions including all rights of priority under the International Convention for the Protection of Industrial Property in a certain invention or improvement in "*Multiblock Biodegradable Hydrogels For Drug Delivery and Tissue Treatment*" described in U.S. Serial No. 08/692,914 filed in the U.S Patent and Trademark Office on July 26, 1996 by Chandrashekar P. Pathak, Shikha P. Barman, C. Michael Philbrook, Amarpreet S. Sawhney, Arthur J. Coury, Luis Z. Avila and Mark T. Kieras, which claims priority to Provisional Application Serial No. 60/001,723, filed July 28, 1995, by Chandrashekar P. Pathak and Shikha P. Barman, entitled "*Biodegradable Thermoresponsive Hydrogels For Drug Delivery*," and in all Letters Patent of the United States of America and its territories and all foreign countries and jurisdictions which may or shall be granted on said invention, or any parts thereof, or on said application, or any divisional, continuation, continuation-in-part, renewals, reissue or other applications based in whole or in part thereon. And we agree, for ourselves and our executors and administrators, with said corporation and its successors and assigns but at its or their expense or charges, hereafter to execute all applications, amended specifications, deeds or other instruments, and to do all acts necessary or proper to secure the grant of Letters Patent in the United States and in all other countries to said corporation, with specifications and claims in such form as shall be approved by the counsel of said corporation and to vest and confirm in said corporation, its successors and assigns, the legal title to all such patents.

U.S.S.N. 08/692,914

"MULTIBLOCK BIODEGRADABLE HYDROGELS FOR DRUG
DELIVERY AND TISSUE TREATMENT"

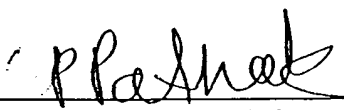
By: Chandrashekar P. Pathak, Shikha P. Barman, C. Michael Philbrook,
Amarpreet S. Sawhney, Arthur J. Coury, Luis Z. Avila and Mark T. Kieras

Filed: July 26, 1996

ASSIGNMENT

And we do hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said corporation, its successors and assigns.

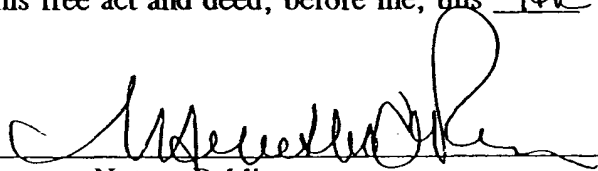
WITNESS my hand and seal this 9 day of Sept, 1996.


Chandrashekar P. Pathak

Commonwealth of Massachusetts
County of Middlesex

)
) ss.

Then personally appeared the above named Chandrashekar P. Pathak and acknowledged the foregoing instrument to be his free act and deed, before me, this 9th day of Sept, 1996.


Notary Public

MELIKKA A. PERRON, Notary Public
My Commission Expires November 15, 2000

U.S.S.N. 08/692,914

"MULTIBLOCK BIODEGRADABLE HYDROGELS FOR DRUG
DELIVERY AND TISSUE TREATMENT"

By: Chandrashekhar P. Pathak, Shikha P. Barman, C. Michael Philbrook,
Amarpreet S. Sawhney, Arthur J. Coury, Luis Z. Avila and Mark T. Kieras
Filed: July 26, 1996
ASSIGNMENT

WITNESS my hand and seal this 21st day of August, 1996.

Shikha P. Barman

Shikha P. Barman

Commonwealth of Massachusetts
County of Worcester

)
) ss.

Then personally appeared the above name Shikha P. Barman and acknowledged the foregoing instrument to be his free act and deed, before me, this 21 day of August, 1996.

Ann W. Barman
Notary Public

My Commission Expires AUG. 24, 2001

U.S.S.N. 08/692,914


"MULTIBLOCK BIODEGRADABLE HYDROGELS FOR DRUG
DELIVERY AND TISSUE TREATMENT"

By: Chandrashekhar P. Pathak, Shikha P. Barman, C. Michael Philbrook,
Amarpreet S. Sawhney, Arthur J. Coury, Luis Z. Avila and Mark T. Kieras

Filed: July 26, 1996

ASSIGNMENT

WITNESS my hand and seal this 26th day of August, 1996.



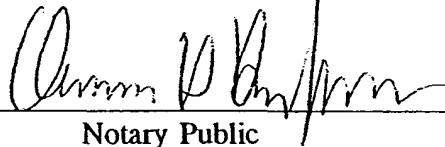
C. Michael Philbrook

Commonwealth of Massachusetts

County of Middlesex

)
) ss.

Then personally appeared the above name C. Michael Philbrook and acknowledged
the foregoing instrument to be his free act and deed, before me, this 26 day of August
1996, 1996.



Notary Public

My Commission Expires AUG. 24, 2001

U.S.S.N. 08/692,914

"MULTIBLOCK BIODEGRADABLE HYDROGELS FOR DRUG
DELIVERY AND TISSUE TREATMENT"

By: Chandrashekhar P. Pathak, Shikha P. Barman, C. Michael Philbrook,
Amarpreet S. Sawhney, Arthur J. Coury, Luis Z. Avila and Mark T. Kieras
Filed: July 26, 1996
ASSIGNMENT

WITNESS my hand and seal this 23rd day of August, 1996.


Amarpreet S. Sawhney

Commonwealth of Massachusetts
County of Middlesex

)
)ss.

Then personally appeared the above named Amarpreet S. Sawhney and
acknowledged the foregoing instrument to be his free act and deed, before me, this 23rd
day of August, 1996.


Notary Public

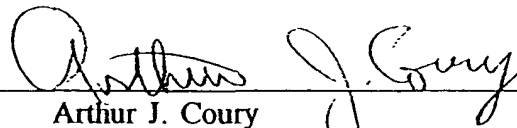
My Commission Expires AUG. 24, 2001

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"MULTIBLOCK BIODEGRADABLE HYDROGELS FOR DRUG
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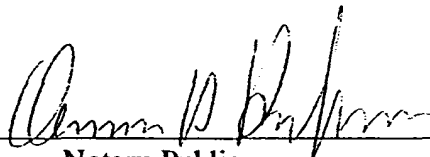


Arthur J. Coury

Commonwealth of Massachusetts
County of Middlesex

)
) ss.

Then personally appeared the above name Arthur J. Coury and acknowledged the
foregoing instrument to be his free act and deed, before me, this 23 day of
August, 1996.



Notary Public

My Commission Expires AUG. 24, 2001

U.S.S.N. 08/692,914

"MULTIBLOCK BIODEGRADABLE HYDROGELS FOR DRUG
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Filed: July 26, 1996
ASSIGNMENT

WITNESS my hand and seal this 27th day of August, 1996.

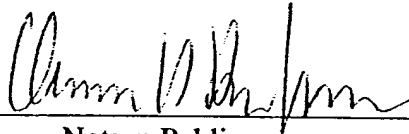


Luis Z. Avila

Commonwealth of Massachusetts
County of Worcester

)
ss.

Then personally appeared the above named Luis Z. Avila and acknowledged the
foregoing instrument to be his free act and deed, before me, this 27th day of
August, 1996.



Notary Public

My Commission Expires AUG. 24, 2001

U.S.S.N. 08/692,914

"MULTIBLOCK BIODEGRADABLE HYDROGELS FOR DRUG
DELIVERY AND TISSUE TREATMENT"

By: Chandrashekhar P. Pathak, Shikha P. Barman, C. Michael Philbrook,
Amarpreet S. Sawhney, Arthur J. Coury, Luis Z. Avila and Mark T. Kieras
Filed: July 26, 1996
ASSIGNMENT

WITNESS my hand and seal this 30 day of August, 1996.

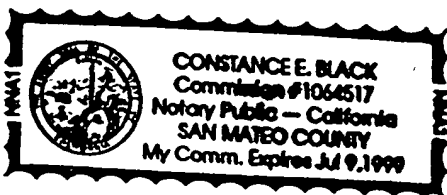
Mark T. Kieras

Mark T. Kieras

~~STATE OF CALIFORNIA~~
~~Commonwealth of Massachusetts~~
County of SAN MATEO

)
) ss.

Then personally appeared the above name Mark T. Kieras and acknowledged the foregoing instrument to be his free act and deed, before me, this 30 day of AUGUST, 1996.



Constance E. Black

Notary Public